

FORM PTO-1449 U.S. Department of Commerce
Patent and Trademark Office

Attorney Docket Number
5051-460IP

Serial No.
To be assigned

LIST OF DOCUMENTS CITED BY APPLICANT

(Use several sheets if necessary)

Applicants:

DeSimone et al.

Filing Date
Concurrently herewith

Group

1584 U.S. PTO
09/516482

03/01/00

U. S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
MOB	1.	4,424,287	01/03/84	Johnson et al.	521	74	06/10/81
MOB	2.	4,473,665	09/25/84	Martini-Vvedensky et al.	521	79	07/30/82
MOB	3.	4,673,695	06/16/87	Aubert et al.	521	64	10/08/85
MOB	4.	4,906,672	03/06/90	Stone et al.	521	130	07/29/88
MOB	5.	4,940,733	07/10/90	Kuphal et al.	521	79	11/28/89
MOB	6.	4,945,119	07/31/90	Smits et al.	521	131	05/10/89
MOB	7.	5,037,859	08/06/91	Williams, Jr. et al.	521	55	08/24/90
MOB	8.	5,066,684	11/19/91	LeMay	521	64	06/08/90
MOB	9.	5,084,486	01/28/92	Patten et al.	521	126	12/20/90
MOB	10.	5,120,559	06/09/92	Rizvi et al.	426	446	10/03/91
MOB	11.	5,120,770	06/09/92	Doyle et al.	521	99	11/29/89
MOB	12.	5,158,986	10/27/92	Cha et al.	521	82	04/05/91
MOB	13.	5,160,674	11/03/92	Colton et al.	264	50	03/22/90
MOB	14.	5,180,751	01/19/93	Park et al.	521	51	05/22/92
MOB	15.	5,252,620	10/12/93	Elliott, Jr. et al.	521	149	04/02/92
MOB	16.	5,269,987	12/14/93	Reedy et al.	264	50	12/22/92
MOB	17.	5,286,429	02/15/94	Blythe et al.	264	51	07/24/91
MOB	18.	5,288,740	02/22/94	Park et al.	521	58	05/11/93
MOB	19.	5,302,624	04/12/94	Reedy et al.	521	81	05/14/93
MOB	20.	5,334,356	08/02/94	Baldwin et al.	422	133	08/24/92
MOB	21.	5,411,683	05/02/95	Shah	264	50	08/20/93
MOB	22.	5,411,687	05/02/95	Imeokparia et al.	264	50	06/23/94
MOB	23.	5,422,378	06/06/95	Vo	521	79	06/04/93
MOB	24.	5,424,014	06/13/95	Glorioso et al.	264	45.3	11/01/93
MOB	25.	5,451,633	09/19/95	DeSimone et al.	524	731	09/01/94

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U. S. PATENT DOCUMENTS								
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate	
M017	26.	5,525,640	06/11/96	Gerkin et al.	521	112	09/13/95	
M017	27.	5,589,105	12/31/96	DeSimone et al.	252	351	05/18/95	
M017	28.	5,639,836	06/17/97	DeSimone et al.	526	201	08/09/96	
M017	29.	5,670,102	09/23/97	Perman et al.	264	89	01/25/94	
M017	30.	5,670,552	09/23/97	Gusavage et al.	521	91	12/18/95	
M017	31.	5,674,916	10/07/97	Shmidt et al.	521	79	01/06/97	
M017	32.	5,674,957	10/07/97	DeSimone et al.	526	89	09/21/95	
M017	33.	5,676,705	10/14/97	Jureller et al.	8	142	03/06/95	
M017	34.	5,683,977	11/04/97	Jureller et al.	510	286	03/06/95	
M017	35.	5,684,055	11/04/97	Kumar et al.	521	79	12/13/94	
M017	36.	5,698,665	12/16/97	Odell	521	480	09/03/96	
M017	37.	5,707,573	01/13/98	Biesenberger et al.	264	50	11/09/95	
M017	38.	5,780,521	07/14/98	Shmidt et al.	521	79	09/17/97	
M017	39.	5,783,082	07/21/98	DeSimone et al.	210	634	11/03/95	
M017	40.	5,789,454	08/04/98	McVey	521	112	08/12/96	
M017	41.	5,801,210	09/01/98	Radovich et al.	521	138	10/29/97	
M017	42.	5,821,273	10/13/98	Venkataraman et al.	521	79	10/09/97	
M017	43.	5,830,393	11/03/98	Nishikawa et al.	264	89	07/02/97	
M017	44.	5,833,930	11/10/98	Sulzbach et al.	422	133	02/06/97	
M017	45.	5,883,197	03/16/99	Barbieri et al.	525	340	05/05/95	
M017	46.	5,889,069	03/30/99	Suh et al.	521	138	07/15/97	
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		Document Number	Date	Country	Class	Subclass	Translation Yes No	

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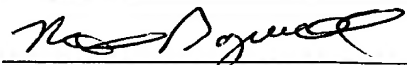


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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)			
MOB	47.	CAPCE Newsletter, The Ohio State University Vol. 1, Iss. 2, pp. 1-8, Winter/Spring 1999.	
MOB	49.	Arora et al.; <i>Preparation and Characterization of Microcellular Polystyrene Foams</i> , <i>Macromolecules</i> 31:4614-4620 (1998).	
MOB	49.	Baldwin et al.; <i>An Extrusion System for the Processing of Microcellular Polymer Sheets: Shaping and Cell Growth Control</i> , <i>Polymer Engineering and Science</i> , 36:10 1425-1435 (1996).	
MOB	50.	Baldwin et al.; <i>A Microcellular Processing Study of Poly(Ethylene Terephthalate) in the Amorphous and Semicrystalline States. Part II: Cell Growth and Process Design</i> , <i>Polymer Engineering and Science</i> , 36:11 1446-1453, (1996).	
MOB	51.	Behravesh et al.; <i>Approach to the Production of Low-Density, Microcellular Foams in Extrusion</i> , <i>Antec '98</i> , 1958-1967, (1998).	
MOB	52.	Burke; <i>Rheological Properties of Polyvinylidene</i> , <i>Journal of Vinyl Technology</i> 15:3 177-187 (September 1993).	
MOB	53.	Chiou et al.; <i>Plasticization of Glassy Polymers by CO₂</i> , <i>Journal of Applied Polymer Science</i> 30:2633-2642 (1985).	
MOB	54.	Doroudiani et al.; <i>Processing and Characterization of Microcellular Foamed High-Density Polyethylene/Isotactic Polypropylene Blends</i> , <i>Polymer Engineering and Science</i> 38:7 1205-1215 (1998).	
MOB	55.	Douglass et al.; <i>Compatibility in PVF₂/PMMA and PVF₂/PEMA Blends as Studied by Pulsed NMR</i> , <i>Macromolecules</i> 11:4 766-773 (July-August 1978).	
MOB	56.	Elkovitch; <i>Supercritical Fluid Assisted Polymer Blending</i> , CAPCE Newsletter, The Ohio State University, p. 2, Summer/Autumn 1999.	
MOB	57.	Elkovitch et al.; <i>Supercritical Carbon Dioxide Assisted Blending of Polystyrene and Poly(Methyl Methacrylate)</i> , <i>Polymer Engineering and Science</i> 39:10 2075-2084 (October 1999).	
MOB	58.	Gerhardt et al.; <i>Rheology of Polydimethylsiloxane Swollen With Supercritical Carbon Dioxide</i> , <i>J. Polym. Sci. B: Polym Phys</i> 35:523-534 (1997).	
MOB	59.	Goel et al.; <i>Generation of Microcellular Polymers using Supercritical CO₂</i> , <i>Cellular Polymers</i> 12:4 251-274 (1993).	
MOB	60.	Goel et al.; <i>Generation of Microcellular Polymeric Foams Using Supercritical Carbon Dioxide. II: Cell Growth and Skin Formation</i> , <i>Polymer Engineering and Science</i> 34:14 1148-1156 (1994)	
MOB	61.	Goel et al.; <i>Nucleation and Growth in Microcellular Materials: Supercritical CO₂ as Foaming Agent</i> , <i>AIChE Journal</i> 41:2 357-366 (1995).	
MOB	62.	Hirata et al.; <i>Phase Separation and Viscoclastic Behavior of Semicompatible Polymer Blends: Poly(vinylidene fluoride)/Poly(methyl methacrylate) System</i> , <i>Polymer Journal</i> 13:3 273-281 (1981).	
MOB	63.	Holl et al.; <i>The Effect of Additives on Microcellular PVC Foams: Part I - Effect on Processing and Microstructure</i> , <i>Cellular Polymers</i> 17:4 271-283 (1998).	

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MOB	64.	Kumar et al.; <i>A Process for Making Microcellular Thermoplastic Parts</i> , Polymer Engineering and Science 30:20 1323-1329 (October 1990).	
MOB	65.	Kumar et al.; <i>Microcellular Foams</i> , American Chemical Society pp. 101-114 (1997).	
MOB	66.	Lee et al.; <i>Extrusion of PE/PS Blends With Supercritical Carbon Dioxide</i> , Polymer Engineering and Science 38:7 1112-1120 (July 1998).	
MOB	67.	Lee et al.; <i>Measurements and Modeling of PS/Supercritical CO₂ Solution Viscosities</i> , Polymer Engineering and Science 39:1 99-109 (January 1999).	
MOB	68.	Mijovic et al.; <i>Property-Morphology Relationships of Polymethylmethacrylate/Polyvinylidenefluoride Blends</i> , Polymer Engineering and Science 22:4 234-240 (March 1982).	
MOB	69.	Morra et al.; <i>The Crystalline Morphology of Poly(Vinylidene Fluoride)/Poly(Methylmethacrylate) Blends</i> , Polymer Engineering and Science 24:5 311-318 (Mid-April 1984)	
MOB	70.	Nishi et al.; <i>Melting Point Depression and Kinetic Effects of Cooling on Crystallization in Poly(vinylidene fluoride)-Poly(methyl methacrylate) Mixtures</i> , Macromolecules 8:6 909-915 (November-December 1975).	
MOB	71.	Paul et al.; <i>Polymer Blends Containing Poly(Vinylidene Fluoride). Part IV: Thermodynamic Interpretations</i> , Polymer Engineering and Science 18:16 1225-1234 (December 1978).	
MOB	72.	Ramesh et al.; <i>Numerical and Experimental Studies of Bubble Growth During the Microcellular Foaming Process</i> , Polymer Engineering and Science 31:23 1657-1664 (Mid-December 1991).	
MOB	73.	Wessling et al.; <i>Carbon Dioxide Foaming of Glassy Polymers</i> , Journal of Applied Polymer Science 53 : 1497-1512 (1994).	

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